Inspector name	이화구	Approving name	G. W., Lee
Division	AQUA Eng. Co., Letd.	Division	AQua Eng.
Signature	0/2023	Signature	of cting
Date	2011. 04.06.(1)	Date	2011.04.06

Test period of Shipboard test: 2011.03.06 ~ 2011.10.29

Unit	Equipment	Check points	Interval (M)	Result (O/X)
eneri)	Body (Flange/Cover/Bed)	Appearance/Leakage/	1	0
		Connection status	1	
SD	Body (Flange/Cover/Bed) Ball valve connected socket PT Appearance/Operation status PI Appearance/Operation status Gasket of flange and cover Body Appearance/Leakage status Cables Emergency stop switch Cooling fan Body (Flange/Cover/Bed) Appearance/Leakage/ Connection status Insulated flange Insulated washer Connection status Connection status Appearance/Leakage status Connection status Insulated washer Connection status Appearance/Leakage status Connection status Appearance/Leakage status Connection status Appearance/Leakage status Appearance/Leakage status Body Appearance/Leakage status	_		
31	PT	Appearance/Operation status	6	
	Body (Flange/Cover/Bed) Ball valve connected socket PT Appearance/Operation status PI Appearance/Operation status Appearance/Operation status Body Appearance/Operation status Appearance/Operation status Body Appearance/Leakage status Cables Connection status Emergency stop switch Cooling fan Appearance/Leakage/ Connection status Body (Flange/Cover/Bed) Appearance/Leakage/ Connection status BR Connection status Insulated flange Connection status Insulated washer Connection status Gasket of flange and cover Appearance/Leakage status Sealing device gasket and insulated device Cables of BR and rectifier TO Operation/Connection status BODY Appearance/Leakage status AB Appearance/Operation status AAV Appearance/Operation status Appearance/Operation status Appearance/Operation status Appearance/Operation status Appearance/Operation status Appearance/Operation status AAV Appearance status Appearance/Operation status Appearance/Operation status Appearance/Operation status Appearance/Operation status Appearance/Operation status Appearance/Operation status AAV Appearance/Operation status Appearance/Operation status Appearance/Operation status Appearance/Operation status Appearance/Operation status Appearance/Operation status	6	_	
	Gasket of flange and cover	Check points Appearance/Leakage/ Connection status Operation/Connection status Appearance/Operation status Appearance/Leakage status Operation status Appearance/Leakage status Operation status Onnection status Onnection status Onnection status Operation status Operation/Connection status Operation/Connection/Connection/Connection/Connection/Connection/Connection	-	
Rectifier	Body	Appearance status	1	0
	Cables	Connection status	1	0
Recuiiei	Emergency stop switch	Appearance status 1 Connection status 1 ncy stop switch Operation status 6 fan Operation status 6 ange/Cover/Bed) Appearance/Leakage/ Connection status 1 Connection status 2 d flange Connection status 2 d washer Connection status 2	6	-
	Cooling fan	Operation status	6	-
	Body (Flange/Cover/Bed)	Appearance/Leakage/	1	_
		Connection status	1	0
	BR	Connection status	1	0
	Insulated flange	Connection status	2	_
	Ball valve connected socket PT Appearance/Operation status PI Appearance/Operation status Gasket of flange and cover Body Appearance status Cooling fan Body (Flange/Cover/Bed) Body (Flange/Cover/Bed) BR Connection status BR Connection status Insulated flange Insulated washer Coalse of flange and cover Sealing device gasket and insulated device Cables of BR and rectifier Coperation Status BR Connection status Insulated flange and cover Appearance/Leakage status Sealing device gasket and insulated device Cables of BR and rectifier TT Operation/Connection status Body Appearance/Leakage status AB Appearance/Leakage status AAV Appearance status ANAV Appearance status Appearance status AV Appearance status Appearance/Operation status Connection status Appearance/Operation status Appearance/Operation status ANAV Appearance status Appearance/Operation status	2	_	
EL	Gasket of flange and cover	Appearance/Leakage status	2	~
		Appearance/Leakage/ Connection status ted socket Appearance/Operation status Appearance/Operation status Appearance/Operation status Appearance/Operation status Appearance/Leakage status Connection status Appearance status Connection status Operation status Connection status Appearance/Leakage status Appearance/Leakage status Appearance/Leakage status Appearance/Operation status Appearance status Appearance/Operation status Appearance status Appearance/Operation status Appearance/Operation status		
	Cables of BR and rectifier	Connection status	1 2 6 6 6 1 2 6 6 6 2 2 1 1 6 6 6 1 2 6 6 6 2 2 1 1 1 1	0
	TT	Operation/Connection status	6	_
	TBS	Operation/Connection status	6	_
	Body	Appearance/Leakage status	1	0
	AB	Appearance/Operation status	2	-
66	AAV	Appearance/Leakage/ Connection status valve connected socket Appearance/Operation status Appearance/Operation status Appearance/Operation status Appearance/Operation status Appearance/Leakage status Appearance status I Les Connection status Connection status Appearance status I Ling fan Operation status Connection status Connection status I Lated flange Connection status Connection status Connection status Connection status Appearance/Leakage/ Connection status Connection status Lated washer Connection status Appearance/Leakage status Appearance/Operation status Appearance status	-	
GS	AV	Appearance status	6	_
	Solenoid valve	Appearance/Operation status	6 6 2 1 1 6 6 6 1 2 2 2 2 2 2 1 6 6 6 1 2 2 2 2	_
	Marine bronze glove valve	Appearance/Operation status	2	



Unit	Equipment	Check points	Interval (M)	Result (O/X)
	Body	Appearance/Leakage status	1	0
	Flange (gasket)	Connection status	2	
Body Flange (gasket) PT Appearance/Operation s PI Appearance/Operation s Ball valve connected socket Operation/Connection status Tank body Pipe/flange lines Valves Operation status Check valve Solenoid valves PWSS Operation status NCP NAP Operation status NAP Operation status LG Operation status LG Operation status ASS Operation status Operation status NAP Operation status Departion status NAP Operation status NAP Operation status Operation status NAP Operation status APP Operation status APP Operation status APP APP Operation status APP APP Operation status APP APP APP OPERATION APP APP APP APP APP APP APP APP APP A	Appearance/Operation status	6		
	ROU Flange (gasket) Flange (gasket) Flange (gasket) PT Appearance/Operation status Appearance/Operation status Ball valve connected socket Pipe/flange lines Appearance/Leakage status Pipe/flange lines Appearance/Leakage status Appearance/Leakage status Flank body Appearance/Leakage status Appearance/Leakage status Check valve Operation status Check valve Operation status Check valve Operation status FWSS Operation status ASS Operation status PI Operation status PI Operation status Check ASS Operation status Check Check Check Check valve Operation status Check ASS Operation status Check Check Check Check valve Operation status Che	6		
April 2018; 10 10 10 10 10 10 10 10 10 10 10 10 10	Ball valve connected socket	Operation/Connection status	1 2 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	
	Tank body	Appearance/Leakage status	1	0
	Pipe/flange lines	Appearance/Leakage status	6	-
	Valves	Operation status	6	
	Check valve	Operation status	6	_
	Solenoid valves	Operation status	6	
NIT	FWSS	Operation status	2	_
IN1	ASS Operation status 2 NCP Operation status 2 NAP Operation status 2	2	-	
	NCP	Operation status	2	_
	NAP	Operation status	2	-
	PI	Operation status	6	
	LG	Operation status	6	-
	LT	Operation status	6	
CID	Body	Appearance/Leakage status	1	0
215	Flange (gasket)	Appearance/Leakage status	2	J
	Body	Appearance status	6	1
	LCD (Touch screen)	Operation status	6	-
	USB port	Connection status	6	-
MCP	Emergency switch	Operation status	6	_
	Emergency operation switch	Operation status	6	_
	Connected cable line	Connection status	6	-
	Button/switch/lamp	Operation status	6	_
	Body	Appearance status	6	~~
	LCD (Touch screen)	Operation status	6	_
LCD	USB port	Connection status	2 6 6 2 1 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	-
LCP	Emergency switch	Operation status	6	-
	Connected cable line	Connection status	1 2 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	_
	Button/switch/lamp	Operation status	6	



Unit	Equipment	Check points	Interval (M)	Result (O/X)
	Body	Appearance status	6	_
	Reagent	Appearance status	3	1
TRO	Buffer solution	Appearance status	12	-
sensor	Cooling system	Operation status	2	_
	Suction pump	Operation status	2	-
	Calibration and repeatability	Check this sensor	6	_
	Body	Appearance/Leakage	6	_
	Connected cable line	Connection status	2	-
СМ	Local display	Operation status	6	_
	Fixing status	Connection status	6	
	Calibration and repeatability	Check this sensor	6	-
H2D	Body/Sensor	Appearance/Operation status	6	_
HZD	Calibration and repeatability	Check this detector	6	-
CL2D	Body/ Sensor	Appearance/Operation status	6	-
CLZD	Calibration and repeatability	Check this detector	6	_
	Body	Appearance/Leakage	6	-
MFM	Flange (gasket)	Appearance/Connection status	2	_
	Connected cable line	Connection status	2	_
	LCD display of transmitter	Operation status	6	
	Fixing status transmitter	Connection status	6	
	Calibration and repeatability	Check this device	6	

Inspector name	용영력	Approving name	G. U., Lee
Division	ARGAGA, Co., Ltd.	Division	John Eng.
Signature	300	Signature	6/7/14
Date	2011. 05. 04 (2)	Date	1011. 05.0K
Test period of Shipboa	rd test: 2011.03.06 ~ 2011.1	10.29	

Unit	Equipment	Check points	Interval (M)	Result (O/X)
Unit Equipment Check points Appearance/Leakage/ Connection status Appearance/Leakage/ Connection status Ball valve connected socket Operation/Connection status PT Appearance/Operation status PI Appearance/Leakage status Body Appearance status Cables Connection status Emergency stop switch Operation status Cooling fan Operation status BR Connection status Insulated flange Connection status Insulated washer Connection status Gasket of flange and cover Appearance/Leakage status Sealing device gasket and insulated device Appearance/Leakage status Cables of BR and rectifier Connection status TT Operation/Connection status TBS Operation/Connection status AB Appearance/Departion status AB Appearance/Departion status AV Appearance status Solenoid valve Appearance/Operation status Marine bronze glove valve Appearance/Operation status	Body (Flange/Cover/Bed)		1	0
	2	0		
SP	PT	Appearance/Operation status	6	
	Body (Flange/Cover/Bed) Appearance/Leakage/ Connection status Ball valve connected socket PT Appearance/Operation status PI Appearance/Operation status Appearance/Leakage status Appearance/Leakage status Body Appearance status Cables Connection status Emergency stop switch Cooling fan Operation status BR Connection status BR Connection status Insulated flange Insulated washer Casket of flange and cover Sealing device gasket and insulated device Cables of BR and rectifier To Operation/Connection status Appearance/Leakage status Appearance/Deration status AN Appearance status AV Appearance status Appearance/Operation status Appearance/Operation status	6	-	
		2	0	
PT PI Gasket of flange and cover Body Cables Emergency stop switch Cooling fan Body (Flange/Cover/Bed) BR Insulated flange Insulated washer Gasket of flange and cover Sealing device gasket ar insulated device Cables of BR and rectifier	Body	Appearance status	1	0
	Cables	Connection status	1	0
	Operation status	6	_	
	Cooling fan	Operation status	6	-
	Body (Flange/Cover/Bed)		1	0
	BR	Connection status	1	0
	Insulated flange	Connection status	2	0
	Insulated washer	Connection status	2	0
EL	Ball valve connected socket PT Appearance/Operation status PI Appearance/Operation status Gasket of flange and cover Body Appearance status Cooling fan Body (Flange/Cover/Bed) Body (Flange/Cover/Bed) Body (Flange/Cover/Bed) BR Connection status BR Appearance/Leakage/ Connection status BR Connection status BR Appearance/Leakage status Insulated flange Connection status Connection status BR Appearance/Leakage status BR Appearance/Leakage status BR Appearance/Leakage status BR Appearance/Leakage status Appearance/Leakage status Appearance/Leakage status Appearance/Leakage status ANAV Appearance status ANAV Appearance status ANAV Appearance status BR APPEARANCE BR APP	2	0	
Ball value PT PI Gasket Body Cables Emerg Coolin Body (BR Insulat Insulat Insulat Cables TT TBS Body AB AAV AV Solence		Appearance/Leakage status	2	0
	SP Ball valve connected socket PT Appearance/Operation status PI Appearance/Operation status Body Cables Emergency stop switch Cooling fan Body (Flange/Cover/Bed) Appearance/Leakage/ Connection status BR Connection status Connection status BR Insulated flange Connection status Insulated washer Connection status Connection status Connection status Tr Cables of BR and rectifier To Operation/Connection status TT Operation/Connection status Appearance/Leakage status Body Appearance/Leakage status Appearance/Leakage status Appearance/Leakage status Appearance/Leakage status Appearance/Leakage status AB Appearance/Operation status AB Appearance/Operation status AV Appearance status Appearance/Operation status	1	0	
	TT	Operation/Connection status	6	_
	TBS	Operation/Connection status	6	_
	Body	Appearance/Leakage status	1	0
	AB	Appearance/Operation status	2	0
	AAV	Appearance status	6	
GS	AV	Appearance status	6	_
	Solenoid valve	Appearance/Operation status	2	0
	Marine bronze glove valve	Appearance/Operation status	2	0

Unit	Equipment	Check points	Interval (M)	Result (O/X)
NU	Body	Appearance/Leakage status	1	0
	Flange (gasket)	Connection status	2	0
NU	PT	Appearance/Operation status	6	-
	PI	Appearance/Operation status	6	
	Ball valve connected socket	Operation/Connection status	1 2 6	0
	Tank body	Appearance/Leakage status	1	0
	Pipe/flange lines	Appearance/Leakage status	6	_
	Valves	Operation status	6	-
	Equipment Check points Interval (M) Body Appearance/Leakage status 1 Flange (gasket) Connection status 2 PT Appearance/Operation status 6 PI Appearance/Operation status 6 Ball valve connected socket Operation/Connection status 2 Tank body Appearance/Leakage status 1 Pipe/flange lines Appearance/Leakage status 6 Valves Operation status 6 Check valve Operation status 6 Check valve Operation status 6 Solenoid valves Operation status 6 FWSS Operation status 2 ASS Operation status 2 NCP Operation status 2 NAP Operation status 6 LG Operation status 6 LT Operation status 6 Body Appearance/Leakage status 1 Flange (gasket) Appearance/Leakage status 6	-		
	Solenoid valves	Operation status	1 2 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	1
A17	FWSS	Operation status		0
NT	ASS Operation status	2	0	
	NCP	Operation status	2	0
	NAP	Operation status	2	0
	PI	Operation status	6	1
	LG	Operation status	6	-
	LT	Operation status	6	1
CID	Body	Appearance/Leakage status	1	0
SIP	Flange (gasket)	Appearance/Leakage status	2	0
	Body	Appearance status	6	_
	LCD (Touch screen)	Operation status	6	1
	USB port	Connection status	6	1
MCP	Emergency switch	Operation status	1 2 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	_
	Emergency operation switch	Operation status	6	-
	Connected cable line	Connection status	6	
	Button/switch/lamp	Operation status	6	-
	Body	Appearance status	6	-
	LCD (Touch screen)	Operation status	6	_
LCD	USB port	Connection status	6	_
LCP	Emergency switch	Operation status	6	_
	Connected cable line	Connection status	6	
	Button/switch/lamp	Operation status	6	_



Unit	Equipment	Check points	Interval (M)	Result (O/X)
	Body	Appearance status	6	~
	Reagent	Appearance status	3	_
TRO	Buffer solution	Appearance status	12	_
sensor	Cooling system	Operation status	2	0
	Suction pump	Operation status	2	0
	Calibration and repeatability	Check this sensor	6	-
	Body	Appearance/Leakage	6	_
	Connected cable line	Connection status	2	0
СМ	Local display	Operation status	6	-
	Fixing status	Connection status	6	-
	Calibration and repeatability	Check this sensor	6	_
H2D	Body/Sensor	Appearance/Operation status	6	_
HZD	Calibration and repeatability	Check this detector	6	_
CLOD	Body/ Sensor	Appearance/Operation status	6	102
CL2D	Calibration and repeatability	Check this detector	6	-
182	Body	Appearance/Leakage	6	-
MFM	Flange (gasket)	Appearance/Connection status	2	0
	Connected cable line	Connection status	2	0
	LCD display of transmitter	Operation status	6	~
	Fixing status transmitter	Connection status	6	-
	Calibration and repeatability	Check this device	6	_

Inspector name	1 7 2	Approving name	6. M., Cee
Division	ARUA Eng. Co., Ltd.	Division	AQUA try.
Signature	1340	Signature	0/1/12
Date	2011.6.7 (3)	Date	2011. 06.01
Test period of Shipboa	rd test: 2011.03.06 ~ 2011.	10.29	

Unit	Equipment	Check points	Interval (M)	Result (O/X)
	Body (Flange/Cover/Bed)	Appearance/Leakage/		
Body (Flange/Cover/Bed) Ball valve connected socket		Connection status	1	4
	Operation/Connection status	2	-	
SP	Body (Flange/Cover/Bed) Ball valve connected socket PT Appearance/Operation status PI Appearance/Operation status Gasket of flange and cover Body Appearance status Cables Connection status Emergency stop switch Cooling fan Operation status BR Connection status BR Connection status Insulated flange Cover/Bed) Insulated washer Connection status Gasket of flange and cover Sealing device gasket and insulated device Cables of BR and rectifier Connection status Body Appearance/Leakage status AAV Appearance/Leakage status AAV Appearance status AV Appearance status Appearance status Appearance status Appearance status Appearance/Operation status	6	_	
	PI	Appearance/Operation status	6	-
Rectifier	Gasket of flange and cover	Appearance/Leakage status	2	_
Rectifier	Body	Appearance status	1	9
	Cables	Connection status	1	9
Rectifier	Body (Flange/Cover/Bed) Ball valve connected socket PT Appearance/Operation status PI Appearance/Operation status Body Appearance/Operation status Body Appearance/Leakage status Body Appearance status Cables Connection status Emergency stop switch Cooling fan Body (Flange/Cover/Bed) Body (Flange/Cover/Bed) Body (Flange/Cover/Bed) Body (Flange/Cover/Bed) Body (Flange/Cover/Bed) Body (Flange/Cover/Bed) Appearance/Leakage/ Connection status BR Connection status Insulated flange Insulated washer Connection status Sealing device gasket and insulated device Cables of BR and rectifier TT Operation/Connection status Body Appearance/Leakage status Appearance/Leakage status Appearance/Leakage status Appearance/Leakage status Appearance/Leakage status AB AAV Appearance/Deration status Appearance/Deration status Appearance status AV Appearance status Appearance status Appearance status Appearance status Appearance/Operation status Appearance/Operation status Appearance status Appearance status Appearance/Operation status	6	-	
	Cooling fan	Operation status	6	-
	Body (Flange/Cover/Bed)	Appearance/Leakage/	1	
		Connection status	1	9
	BR	Connection status	1	9
	Insulated flange	Connection status	2	-
	Insulated washer	Connection status	2	
EL	Body (Flange/Cover/Bed) Ball valve connected socket PT Appearance/Deration status PI Appearance/Operation status Gasket of flange and cover Body Connection status Appearance/Deration status Body Appearance status Cables Connection status Emergency stop switch Cooling fan Body (Flange/Cover/Bed) BR Connection status BR Connection status Insulated flange Insulated washer Casket of flange and cover Sealing device gasket and insulated device Cables of BR and rectifier TO Operation/Connection status BR Appearance/Leakage status Connection status Appearance/Leakage status Connection status Connection status Doperation status Appearance/Leakage status Connection status Connection status Connection status Connection status Connection status Connection status Appearance/Leakage status AB Appearance/Leakage status AB Appearance/Doperation status AAV Appearance status AAV Appearance status Appearance status Appearance status AV Appearance status Appearance sta	•		
Ball valve connected socket PT Appearance/Operation of Appearance/Operation of Appearance/Operation of Appearance/Operation of Appearance/Leakage states Body Appearance status Cables Connection status Emergency stop switch Operation status Cooling fan Operation status Body (Flange/Cover/Bed) Appearance/Leakage/Connection status BR Connection status Insulated flange Connection status Insulated washer Connection status Gasket of flange and cover Appearance/Leakage states Sealing device gasket and insulated device Cables of BR and rectifier Connection status TT Operation/Connection of TBS Operation/Connection of States AB Appearance/Leakage states AB Appearance/Departion of Appearance/Leakage states AB Appearance/Departion of States AAV Appearance status AV Appearance status Appearance/Operation of States Appearance status Appearance status Appearance/Operation of States Appearance status Appearance/Operation of States Appearance/Operation of States Appearance status Appearance/Operation of States Appearance/Operatio	Appearance/Leakage status	2		
	Body (Flange/Cover/Bed) Ball valve connected socket PT Appearance/Deration status PI Appearance/Operation status Ball valve connected socket PT Appearance/Operation status Boly Appearance/Deration status Casket of flange and cover Body Appearance status Cables Connection status Emergency stop switch Cooling fan Operation status BR Connection status BR Connection status BR Connection status Insulated flange Insulated washer Casket of flange and cover Sealing device gasket and insulated device Cables of BR and rectifier TT Operation/Connection status Body Appearance/Leakage status Connection status BR Connection status Insulated washer Connection status Insulated washer Connection status Connection status Insulated washer Connection status Body Appearance/Leakage status Connection status Appearance/Leakage status Appearance/Operation status AAV Appearance/Operation status AAV Appearance/Operation status Appearance/Operation status ANV Appearance/Operation status Appearance/Operation status Appearance/Operation status	1	9	
	TT	Operation/Connection status	6	
	TBS	Operation/Connection status	6	_
	Body	Appearance/Leakage status	1	9
	AB	Appearance/Operation status	2	_
	AAV	Appearance status	6	
GS	AV	Appearance status	6	
GS	Solenoid valve	Appearance/Operation status	2	
	Marine bronze glove valve	Appearance/Operation status	2	



Unit	Equipment	Check points	Interval (M)	Result (O/X)
	Body	Appearance/Leakage status	1	9
	Flange (gasket)	Connection status	2	_
NU	PT	Appearance/Leakage status I Appearance/Leakage status I Appearance/Operation status Appearance/Operation status Appearance/Operation status Appearance/Operation status Appearance/Operation status Appearance/Leakage status Appearance status A		
	PI	Appearance/Operation status	age status 1 s 2 ration status 6 ration status 6 ration status 2 age status 1 age status 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	_
	Ball valve connected socket	Operation/Connection status		
	Tank body	Appearance/Leakage status	1	9
	Pipe/flange lines	Appearance/Leakage status	6	
	Valves	Operation status	6	
	Body Appearance/Leakage status 1 Flange (gasket) Connection status 2 PT Appearance/Operation status 6 PI Appearance/Operation status 6 Ball valve connected socket Operation/Connection status 1 Pipe/flange lines Appearance/Leakage status 1 Pipe/flange lines Appearance/Leakage status 6 Valves Operation status 6 Check valve Operation status 6 Solenoid valves Operation status 6 FWSS Operation status 6 Solenoid valves Operation status 2 NCP Operation status 2 NCP Operation status 2 PI Operation status 2 PI Operation status 6 LG Operation status 6 LT Operation status 6 LCD (Touch screen) Operation status 6 LCD (Touch screen) Operation status 6 LCD (Touch screen) Operation status 6 Button/switch/lamp Operation status 6 LCD (Touch screen) Operation status 6 LCD	_		
	Solenoid valves	Operation status	1 2 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	_
	FWSS	Operation status	2	
NT	ASS	Operation status	2 2 2 2	_
	NCP	Operation status	2	_
	NAP	Operation status	2	_
	PI	Operation status	6	_
	LG	Operation status	6	_
	LT	Operation status	6	_
CID	Body	Appearance/Leakage status	1	0
SIP	Flange (gasket)	Appearance/Leakage status	2	_
	Body	Appearance status	6	_
	LCD (Touch screen)	Operation status	6	
	USB port	Connection status	6	_
МСР	Emergency switch	Operation status	1 2 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	_
	Emergency operation switch	Operation status	6	
	Connected cable line	Connection status	6	_
	Button/switch/lamp	Operation status	6	_
	Body	Appearance status	6	_
	LCD (Touch screen)	Operation status	6	
LCP	USB port	Connection status	6	
	Emergency switch	Operation status	6	-
	Connected cable line	Connection status	6	_
	Button/switch/lamp	Operation status	2 6 6 6 2 1 1 6 6 6 6 6 6 6 6 6 6 6 6 6	_



Unit	Equipment	Check points	Interval (M)	Result (O/X)
	Body	Appearance status	6	
	Reagent	Appearance status	3	0
TRO	Buffer solution	Appearance status	12	
sensor	Cooling system	Operation status	2	_
	Suction pump	Operation status	2	_
	Calibration and repeatability	Check this sensor	6	
	Body	Appearance/Leakage	6	_
	Connected cable line	Connection status	2	
CM	Local display	Operation status	6	_
	Fixing status	Connection status	6	_
	Calibration and repeatability	Check this sensor	6	_
1130	Body/Sensor	Appearance/Operation status	6	_
H2D	Calibration and repeatability	Check this detector	6	
CL2D	Body/ Sensor	Appearance/Operation status	6	_
CLZD	Calibration and repeatability	Check this detector	6	_
	Body	Appearance/Leakage	6	
	Flange (gasket)	Appearance/Connection status	2	_
MFM	Connected cable line	Connection status	2	
IAILIAI	LCD display of transmitter	Operation status	6	-
	Fixing status transmitter	Connection status	6	-
	Calibration and repeatability	Check this device	6	_



Inspector name	송영덕	Approving name	G. U., Leo
Division	ADDA Ey. Co., Ltd.	Division	ARMA long.
Signature	Q'zon)	Signature	6/ #E dry
Date	2011. 07. 69 (4)	Date	2011.07.09.
est period of Shipboa	ard test: 2011.03.06 ~ 2011.1	0.29	,

Unit	Equipment	Check points	Interval (M)	Result (O/X)
SP -	Body (Flange/Cover/Bed)	Appearance/Leakage/	1	_
		Connection status	1	0
	Ball valve connected socket	Operation/Connection status	2	0
	PT	Appearance/Operation status	6	
	PI	Appearance/Operation status	6	_
	Gasket of flange and cover	Appearance/Leakage status	2	0
	Body	Appearance status	1	0
Rectifier	Cables	Connection status	1	0
	Emergency stop switch	Operation status	6	-
	Cooling fan	Operation status	6	-
EL	Body (Flange/Cover/Bed)	Appearance/Leakage/ Connection status	1	ю
	BR	Connection status	1	0
	Insulated flange	Connection status	2	0
	Insulated washer	Connection status	2	0
	Gasket of flange and cover	Appearance/Leakage status	2	0
	Sealing device gasket and insulated device	Appearance/Leakage status	2	0
	Cables of BR and rectifier	Connection status	1	0
	TT	Operation/Connection status	6	
	TBS	Operation/Connection status	6	_
	Body	Appearance/Leakage status	1	0
GS	AB	Appearance/Operation status	2	0
	AAV	Appearance status	6	
	AV	Appearance status	6	_
	Solenoid valve	Appearance/Operation status	2	0
	Marine bronze glove valve	Appearance/Operation status	2	0



Unit	Equipment	Check points	Interval (M)	Result (O/X)
	Body	Appearance/Leakage status	1	0
NU	Flange (gasket)	Connection status	2	0
NU	PT	Appearance/Operation status	6	Sarrina,
	Body Appearance/Leakage status 1 Flange (gasket) Connection status 2 PT Appearance/Operation status 6 PI Appearance/Operation status 6 Ball valve connected socket Operation/Connection status 1 Tank body Appearance/Leakage status 1 Pipe/flange lines Appearance/Leakage status 6 Valves Operation status 6 Check valve Operation status 6 Solenoid valves Operation status 6 FWSS Operation status 6 FWSS Operation status 2 NAP Operation status 2 NAP Operation status 2 NAP Operation status 6 LG Operation status 6 LT Operation status 6 Emge (gasket) Appearance/Leakage status 1 Flange (gasket) Appearance/Leakage status 2 Body Appearance status 6 LCD (Touch screen) Operation status 6 Emergency switch Operation status 6 Emergency operation switch Operation status 6 Emergency operation switch Operation status 6 Emergency operation switch Operation status 6 Button/switch/lamp Operation status 6 Body Appearance status 6 Button/switch/lamp Operation status 6 Body Appearance status 6 Body Appearance status 6 LCD (Touch screen) Operation status 6 Button/switch/lamp Operation status 6 LCD (Touch screen) Operation status 6 Body Appearance status 6 Body Appearance status 6 Body Appearance status 6 LCD (Touch screen) Operation status 6 Body Appearance status 6 Body App	6	-	
		2	0	
	Tank body	Appearance/Leakage status Sket) Connection status Appearance/Operation status Appearance/Operation status Appearance/Operation status Connected socket Operation/Connection status Appearance/Leakage status I Appearance/Leakage status Operation status Appearance/Leakage status Appearance/Leakage status Appearance/Leakage status Appearance/Leakage status Appearance/Leakage status Appearance status Operation status	0	
	Pipe/flange lines	Appearance/Leakage status	6	-
	Valves	Operation status	6	_
	NT Check valve Operation status 6 Solenoid valves Operation status 6 FWSS Operation status 2 ASS Operation status 2 NCP Operation status 2 NAP Operation status 2 Operation status 2	Operation status	6	-
		6	_	
	FWSS	Operation status	2	0
NI	ASS	Operation status	2	0
	NCP	Operation status	2	0
	NAP	Operation status	2	0
	PI	Operation status	6	1
	LG	Operation status	6	_
	LT	Operation status	6	_
CVD	Body	Appearance/Leakage status	1	0
SIP	Flange (gasket)	Appearance/Leakage status	2	0
	Body	Appearance status	2 2 2 6 6 6 1 2 6 6 6 6 6	_
	LCD (Touch screen)	Operation status	6	-
	USB port	Connection status	us 1 2 atus 6 atus 6 atus 2 us 1 us 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	_
MCP	Emergency switch	Operation status		_
	Emergency operation switch	Operation status	6	-
	Connected cable line	Connection status	6	1
	Button/switch/lamp	Operation status	6	_
-10	Body	Appearance status	6	-
	LCD (Touch screen)	Operation status	6	_
1.65	USB port	Connection status	6	-
LCP	Emergency switch	Operation status	con status coc/Operation status coc/Operation status coc/Connection status coc/Leakage status coc/Lea	_
	Connected cable line	Connection status		_
	Button/switch/lamp	Operation status	6	_



Unit	Equipment	Check points	Interval (M)	Result (O/X)
	Body	Appearance status	6	_
TPO	Reagent	Appearance status	3	_
TRO	Buffer solution	Appearance status	12	-
sensor	Cooling system	Operation status	2	0
	Suction pump	Operation status	2	0
	Calibration and repeatability	Check this sensor	6	-
	Body	Appearance/Leakage	6	_
	Connected cable line	Connection status	2	0
CM	Local display	Operation status	6	-
	Fixing status	Connection status	6	
	Calibration and repeatability	Check this sensor	6	
LIDE	Body/Sensor	Appearance/Operation status	6	_
H2D	Calibration and repeatability	Check this detector	6	_
	Body/ Sensor	Appearance/Operation status	6	
CL2D	Calibration and repeatability	Check this detector	6	-
	Body	Appearance/Leakage	6	_
	Flange (gasket)	Appearance/Connection status	2	0
MFM	Connected cable line	Connection status	2	0
	LCD display of transmitter	Operation status	6	e pacter
	Fixing status transmitter	Connection status	6	_
	Calibration and repeatability	Check this device	6	_



Inspector name	2 37 21	Approving name	Guylee
Division	AROA Eng. Co., Ltd.	Division	AQUA Eng.
Signature	2 32 2	Signature	0/0/10
Date	2011. 8. 10 (5)	Date	2011.06.10,
est period of Shipboa	rd test: 2011.03.06 ~ 2011.3	10.29	

Unit	Equipment	Check points	Interval (M)	Result (O/X)
	Body (Flange/Cover/Bed)	Appearance/Leakage/ Connection status	1	9
Body (Flange/Cover/Bed) Appearance/Leakage/	2			
SP	PT	Appearance/Operation status	6	_
	PI	Appearance/Operation status	6	_
	Body (Flange/Cover/Bed) Ball valve connected socket PT Appearance/Deration status PI Appearance/Operation status Ball valve connected socket PT Appearance/Operation status PI Appearance/Operation status Body Appearance status Cooling fan Operation status BR Connection status BR Connection status Insulated flange Cover/Bed) Casket of flange and cover Sealing device gasket and insulated device Cables operation status Connection status Appearance/Leakage/ Connection status Connection status Appearance/Leakage/ Connection status Connection status Connection status Connection status Connection status Appearance/Leakage status Connection status Appearance/Leakage status Appearance/Leakage status Appearance/Leakage status Appearance/Leakage status Appearance/Leakage status AB Appearance/Leakage status AB Appearance/Deration status AB Appearance/Operation status AAV Appearance status AV Appearance status Appearance status Appearance status Appearance status Appearance status Appearance status Appearance/Operation status Connection status Appearance status AAV Appearance status Appearance status Appearance status Appearance status Appearance status Appearance/Operation status Appearanc	-		
	Body	Appearance status	1	9
D 4'f'	Cables	Connection status	1	9
Rectifier	Emergency stop switch	Operation status	6	-
	Cooling fan	Operation status	ge/	
	Body (Flange/Cover/Bed)	1.1	1	0
	BR	Connection status	1	9
	Insulated flange	Connection status	2	_
	Body (Flange/Cover/Bed) Body (Flange/Cover/Bed) Ball valve connected socket PT Appearance/Depration status PI Appearance/Operation status Body Appearance/Operation status Appearance/Operation status Body Appearance/Operation status Body Appearance/Leakage status Cables Connection status Emergency stop switch Cooling fan Body (Flange/Cover/Bed) Body (Flange/Cover/Bed) Appearance/Leakage/ Connection status BR Connection status BR Connection status Insulated flange Connection status Connection status Appearance/Leakage/ Connection status Connection status BR Connection status Insulated flange Connection status Appearance/Leakage status Connection status Connection status Appearance/Leakage status Connection status Appearance/Leakage status Body Appearance/Leakage status Appearance/Operation status AB Appearance/Operation status AV Appearance status Appearance status Appearance/Operation status	_		
EL				
		Appearance/Leakage status	1 2 6 6 6 1 2 2 6 6 6 2 2 1 1 1 1 1 1 1	_
	Cables of BR and rectifier	Connection status	1	9
	TT	Operation/Connection status	6	-
	TBS	Operation/Connection status	6	-
	Body (Flange/Cover/Bed) Ball valve connected socket PT Appearance/Operation status PI Appearance/Operation status Body Appearance/Operation status Appearance/Operation status Body Appearance/Leakage status Appearance status Cobles Connection status Emergency stop switch Cooling fan Operation status Body (Flange/Cover/Bed) Appearance/Leakage/ Connection status BR Connection status BR Connection status Insulated flange Insulated washer Connection status Gasket of flange and cover Sealing device gasket and insulated device Cables of BR and rectifier TT Operation/Connection status Body Appearance/Leakage status Appearance/Leakage status Appearance/Leakage status Appearance/Leakage status Appearance/Operation status Appearance/Operation status AAV Appearance status Appearance status Appearance status Appearance status Appearance status Appearance status Appearance/Operation status	1	9	
	AB	Appearance/Operation status	2	
	AAV	Appearance status	6	-
GS	AV	Connection status Appearance/Operation status Appearance/Operation status Appearance/Operation status Appearance/Leakage status Appearance status Connection status Operation status Connection status Appearance/Leakage/ Connection status Appearance/Leakage status Connection status Appearance/Leakage status Appearance/Deration status Appearance/Operation status Appearance status Appearance status Appearance/Operation status Appearance/Operation status Appearance/Operation status	6	
	Solenoid valve	Appearance/Operation status	2	
	Marine bronze glove valve	Appearance/Operation status	2	



Unit	Equipment	Check points	Interval (M)	Result (O/X)
	Body	Appearance/Leakage status	1	Q
NU	Flange (gasket)	Connection status	2	_
NU	Body Appearance/Leakage status 1 Flange (gasket) Connection status 2 PT Appearance/Operation status 6 PI Appearance/Operation status 6 Ball valve connected socket Operation/Connection status 1 Pipe/flange lines Appearance/Leakage status 1 Pipe/flange lines Appearance/Leakage status 6 Valves Operation status 6 Check valve Operation status 6 Solenoid valves Operation status 6 FWSS Operation status 6 FWSS Operation status 2 NCP Operation status 2 NAP Operation status 2 PI Operation status 6 LG Operation status 6 LT Operation status 6 ED Deration	_		
	PI	Appearance/Operation status	6	Carrent .
	Ball valve connected socket	Operation/Connection status	1 2 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	
	Tank body	Appearance/Leakage status	1	9
	Pipe/flange lines	Appearance/Leakage status	6	-
	Valves	Operation status	6	_
	Check valve	Operation status	6	
	Solenoid valves	Operation status	6	
	FWSS	Operation status	2	
NT	ASS	Operation status	2	-
	NCP	Operation status	2	_
	NAP	Operation status	2	_
	NCPOperation status2NAPOperation status2PIOperation status6LGOperation status6LTOperation status6BodyAppearance/Leakage status1			
	LG	Operation status	6	
ASS Operation status NCP Operation status NAP Operation status PI Operation status LG Operation status LT Operation status SIP Body Appearance/Leakage status Flange (gasket) Appearance status Body Appearance status	6	-		
CID	Body	Appearance/Operation status Appearance/Operation status Appearance/Operation status Appearance/Operation status Appearance/Operation status Appearance/Operation status Appearance/Leakage status Appearance status Appearance status Appearance status Appearance/Leakage status Appearance status	1	Q
SIP	Flange (gasket)	Appearance/Leakage status	2	
	Body	Appearance status	6	
	LCD (Touch screen)	Operation status	6	-
	USB port	Connection status	1 2 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	_
MCP	Emergency switch	Operation status		
	Emergency operation switch	Operation status	6	
	Connected cable line	Connection status	6	
	Button/switch/lamp	Operation status	6	
	Body	Appearance status	6	-
	LCD (Touch screen)	Operation status	6	
LCD	USB port	Connection status	6	
LCP	Emergency switch	Operation status	6	
	Connected cable line	Connection status	status 2 tatus 1 tatus 6 6 6 6 2 2 2 2 2 6 6 6	
	Rutton/cwitch/lamp	Operation status	6	



Unit	Equipment	Check points	Interval (M)	Result (O/X)
	Body	Appearance status	6	-
	Reagent	Appearance status	3	
TRO	Buffer solution	Appearance status	12	
sensor	Cooling system	Operation status	2	-
	Suction pump	Operation status	2	
	Calibration and repeatability	Check this sensor	6	_
	Body	Appearance/Leakage	6	
	Connected cable line	Connection status	2	
CM	Local display	Operation status	6	
	Fixing status	Connection status	6	
	Calibration and repeatability	Check this sensor	6	
Hab	Body/Sensor	Appearance/Operation status	6	_
H2D	Calibration and repeatability	Check this detector	6	
CLOD	Body/ Sensor	Appearance/Operation status	6	
CL2D	Calibration and repeatability	Check this detector	6	
	Body	Appearance/Leakage	6	
	Flange (gasket)	Appearance/Connection status	2	
MFM	Connected cable line	Connection status	2	_
	LCD display of transmitter	Operation status	6	******
	Fixing status transmitter	Connection status	6	
	Calibration and repeatability	Check this device	6	



Inspector name	이 화구	Approving name	G	My lee
Division	AQUA Eng. Co., Ltd.	Division	AC	and Eng.
Signature	ones	Signature	0	4:62
Date	2011. 09.06(6)	Date	201	1.09.06.
est period of Shipboa	rd test: 2011.03.06 ~ 2011	.10.29		

Unit	Equipment	Check points	Interval (M)	Result (O/X)
	Body (Flange/Cover/Bed)	Appearance/Leakage/	1	
SP		Connection status	1	0
	Ball valve connected socket	Operation/Connection status	2	0
	PT	Appearance/Operation status	6	Ø
	PI	Appearance/Operation status	6	Ø
	Gasket of flange and cover	Appearance/Leakage status	2	0
	Body	Appearance status	1	Ø
Rectifier	Cables	Connection status	1	O
	Emergency stop switch	Operation status	6	0
	Cooling fan	Operation status	6	0
EL	Body (Flange/Cover/Bed)	Appearance/Leakage/	-	_ව
		Connection status	1	Ü
	BR	Connection status	1	Ð
	Insulated flange	Connection status	2	0
	Insulated washer	Connection status	2	0
	Gasket of flange and cover	Appearance/Leakage status	2	0
	Sealing device gasket and insulated device	Appearance/Leakage status	2	0
	Cables of BR and rectifier	Connection status	1	0
	TT	Operation/Connection status	6	0
	TBS	Operation/Connection status	6	0
	Body	Appearance/Leakage status	1	0
GS	AB	Appearance/Operation status	2	0
	AAV	Appearance status	6	О
	AV	Appearance status	6	0
	Solenoid valve	Appearance/Operation status	2	O
	Marine bronze glove valve	Appearance/Operation status	2	0



Unit	Equipment	Check points	Interval (M)	Result (O/X)
	Body	Appearance/Leakage status	1	0
NU PT Appearance/Leakage status PI Appearance/Operation status PI Appearance/Operation status PI Appearance/Operation status PI Appearance/Operation status Ball valve connected socket Operation/Connection status Pipe/flange lines Appearance/Leakage status Pipe/flange lines Operation status Operation status Check valve Operation status Operation status FWSS Operation status ASS Operation status NCP Operation status NCP Operation status PI Operation status UG Operation status FI Operation status Departion status IT Operation status PI Operation status LT Operation status Engergency switch Operation status Connection status Connected cable line Operation status Emergency operation switch Operation status LCD (Touch screen) Operation status Emergency operation switch Operation status LCD (Touch screen) Operation status Emergency operation switch Operation status LCD (Touch screen) Operation status Emergency switch Operation status LCD (Touch screen) Operation status LCD (Touch screen) Operation status Emergency switch Operation status LCD (Touch screen) Operation status Emergency switch Operation status Connected cable line Connection status Emergency switch Operation status Connection status Connected cable line Connection status Connection status Connection status Connection status Connection status Connection status	Flange (gasket)	Connection status	2	0
	6	0		
	Body Appearance/Leakage status 1 Flange (gasket) Connection status 2 PT Appearance/Operation status 6 PI Appearance/Operation status 6 Ball valve connected socket Operation/Connection status 1 Tank body Appearance/Leakage status 1 Pipe/flange lines Appearance/Leakage status 6 Valves Operation status 6 Check valve Operation status 6 Solenoid valves Operation status 6 FWSS Operation status 2 ASS Operation status 2 NCP Operation status 2 NAP Operation status 2 PI Operation status 6 LG Operation status 6 LG Operation status 6 LG Operation status 6 LT Operation status 6 Emergency switch Operation status 6 Emergency operation switch Operation status 6 Emergency operation switch Operation status 6 Body Appearance status 6 Emergency operation switch Operation status 6 Body Appearance status 6 Emergency operation switch Operation status 6 Body Appearance status 6 Emergency operation switch Operation status 6 Emergency operation switch Operation status 6 Button/switch/lamp Operation status 6 Button/switch/lamp Operation status 6 Emergency switch Connection status 6 Emergency switch Operation status 6	0		
	Ball valve connected socket	Operation/Connection status	1 2 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	0
	Tank body	Appearance/Leakage status	ration status 6 rection status 2 rage status 1 rage status 6 rection status 2 rage status 1 rage status 6 rage status 6 rage status 1 rage status 6 rage status 7 rage sta	0
	Pipe/flange lines	Appearance/Leakage status	6	0
	Valves	Operation status	6	0
	Pipe/flange lines Appearance/Leakage status 6 Valves Operation status 6 Check valve Operation status 6 Solenoid valves Operation status 6 FWSS Operation status 2 ASS Operation status 2 NCP Operation status 2 NAP Operation status 2	0		
		6	0	
		Operation status	2	0
NI	ASS	Operation status	2	0
	NCP	Operation status	2	0
	NAP	Operation status	2	O
	PI	Operation status	6	0
LG LT Body	LG	Operation status	6	Ð
	Operation status	6	Ð	
CID	Body	Appearance/Leakage status	1	Ð
ZIP	Flange (gasket)	Appearance/Leakage status	2	0
	Body	Appearance status	6	0
	LCD (Touch screen)	Operation status	6	0
	USB port	Connection status	1 2 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	0
MCP	Emergency switch	Operation status		0
	Emergency operation switch	Operation status	6	0
	Connected cable line	Connection status	6	0
	Button/switch/lamp	Operation status	6	0
	Body	Appearance status	6	0
	LCD (Touch screen)	Operation status	6	0
LCP	USB port	Connection status	6	0
LCP	Emergency switch	Operation status	6	0
	Connected cable line	Connection status	6 2 1 6 6 6 6 6 2 2 2 2 2 2 6 6 6 6 6 6	0
	Button/switch/lamp	Operation status	6	D



Unit	Equipment	Check points	Interval (M)	Result (O/X)
	Body	Appearance status	6	0
	Reagent	Appearance status	3	0
TRO	Buffer solution	Appearance status	12	.—
sensor	Cooling system	Operation status	2	6
	Suction pump	Operation status	2	Ø
	Calibration and repeatability	Check this sensor	6	0
	Body	Appearance/Leakage	6	0
	Connected cable line	Connection status	2	0
CM	Local display	Operation status	6	0
	Fixing status	Connection status	6	0
	Calibration and repeatability	Check this sensor	6	0
H2D	Body/Sensor	Appearance/Operation status	6	O
HZD	Calibration and repeatability	Check this detector	6	0
CL2D	Body/ Sensor	Appearance/Operation status	6	0
CLZD	Calibration and repeatability	Check this detector	6	0
	Body	Appearance/Leakage	6	0
	Flange (gasket)	Appearance/Connection status	2	O
MFM	Connected cable line	Connection status	2	0
MFM	LCD display of transmitter	Operation status	6	Ö
	Fixing status transmitter	Connection status	6	0
	Calibration and repeatability	Check this device	6	₹)



Inspector name	少为分	Approving name	G. 11. Lee
Division	ARUA Eng. Co., Ctl.	Division	AQUA Gug.
Signature	1 75 %	Signature	of Isher
Date	2011. 10. 1 (1)	Date	2011.10.9
Test period of Shipboa	rd test: 2011.03.06 ~ 2011.1	10.29	•

Unit	Equipment	Check points	Interval (M)	Result (O/X)
SP	Body (Flange/Cover/Bed)	Appearance/Leakage/	1	0
		Connection status	Т.	4
	Ball valve connected socket	Operation/Connection status	2	_
	PT	Appearance/Operation status	6	
	PI	Appearance/Operation status	6	_
	Gasket of flange and cover	Appearance/Leakage status	2	
	Body	Appearance status	1	9
D4:6:	Cables	Connection status	1	9
Rectifier	Emergency stop switch	Operation status	6	<u> </u>
	Cooling fan	Operation status	6	_
	Body (Flange/Cover/Bed)	Appearance/Leakage/	1	0
		Connection status		
	BR	Connection status	1	9
	Insulated flange	Connection status	2	
	Insulated washer	Connection status	2	
EL	Gasket of flange and cover	Appearance/Leakage status	2	_
	Sealing device gasket and insulated device	Appearance/Leakage status	2	
	Cables of BR and rectifier	Connection status	1	9
	TT	Operation/Connection status	6	
	TBS	Operation/Connection status	6	
GS	Body	Appearance/Leakage status	1	0
	AB	Appearance/Operation status	2	_
	AAV	Appearance status	6	
	AV	Appearance status	6	
	Solenoid valve	Appearance/Operation status	2	-
	Marine bronze glove valve	Appearance/Operation status	2	



Unit	Equipment	Check points	Interval (M)	Result (O/X)
	Body	Appearance/Leakage status	1	9
	Flange (gasket)	Connection status	2	_
NU	PT	Appearance/Operation status	6	
	PI	Appearance/Leakage status (gasket) Connection status Appearance/Operation status Appearance/Operation status Appearance/Operation status Appearance/Operation status Appearance/Leakage status Appearance/Leakage status Appearance/Leakage status Appearance/Leakage status Appearance/Leakage status Operation s	_	
	Ball valve connected socket	Operation/Connection status	2	-
	Tank body	Appearance/Leakage status	1	9
	Pipe/flange lines	Appearance/Leakage status	6	_
	Valves	Operation status	6	
	Check valve	Operation status	6	_
	Solenoid valves	Operation status	6	_
NIT	FWSS	Operation status	2	_
NT	ASS	Operation status	2	
	NCP	Operation status	2	
	NAP	Operation status	2	
	PI	Operation status	6	
	LG	Operation status	6	
	LT	Operation status	6	-
SIP	Body	Appearance/Leakage status	1	0
215	Flange (gasket)	Appearance/Leakage status	2 6 6 2 1 1 6 6 6 6 6 6 2 2 2 2 2 2 2 6 6 6 6	_
	Body	Appearance status	6	_
	LCD (Touch screen)	Operation status	6	-
	USB port	Connection status	6	_
MCP	Emergency switch	Operation status	6	_
	Emergency operation switch	Operation status	6	
	Connected cable line	Connection status	6	_
	Button/switch/lamp	Operation status	6	-
	Body	Appearance status	6	-
	LCD (Touch screen)	Operation status	6	-
LCD	USB port	Connection status	6	
LCP	Emergency switch	Operation status	6	_
	Connected cable line	Connection status	6	_
W-92	Button/switch/lamp	Operation status	6	



Unit	Equipment	Check points	Interval (M)	Result (O/X)
	Body	Appearance status	6	
	Reagent	Appearance status	3	
TRO	Buffer solution	Appearance status	12	-
sensor	Cooling system	Operation status	2	-
	Suction pump	Operation status	2	
	Calibration and repeatability	Check this sensor	6	-
	Body	Appearance/Leakage	6	_
СМ	Connected cable line	Connection status	2	-
	Local display	Operation status	6	
	Fixing status	Connection status	6	
	Calibration and repeatability	Check this sensor	6	
H2D	Body/Sensor	Appearance/Operation status	6	
п20	Calibration and repeatability	Check this detector	6	
CL2D	Body/ Sensor	Appearance/Operation status	6	
	Calibration and repeatability	Check this detector	6	
	Body	Appearance/Leakage	6	_
MFM	Flange (gasket)	Appearance/Connection status	2	_
	Connected cable line	Connection status	2	
	LCD display of transmitter	Operation status	6	_
	Fixing status transmitter	Connection status	6	
	Calibration and repeatability	Check this device	6	